

**Montana Department of Public Health and Human Services
Communicable Disease Program
2003 Summary**

Reporting County *	CAMPYLOBACTER	PATHOGENIC COLI	GARDIA	HAEMOPHILUS	INFLUENZA B	HEPATITIS A	HEPATITIS B	HEPATITIS NON B	LEGIONELLA	MEASLES	MENING	PERTUSSIS	RMSF	SALMONELLA	SHIGELLA	TUBERCULOSIS	WEST NILE	FOODBORNE AND WATERBORNE OUTBREAK RELATED CASES **	INCIDENTS/CASES
Beaverhead	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-
Big Horn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	1/3	-
Blaine	1	-	1	-	-	-	-	-	-	-	-	-	-	6	-	2	7	-	-
Broadwater	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	1	-	-
Carter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
Cascade	10	6	10	-	-	2	1	-	-	-	1	-	-	8	1	-	10	-	-
Chouteau	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-
Custer	-	-	1	-	1	-	-	-	-	-	-	-	-	2	-	-	14	-	-
Daniels	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Dawson	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-
Deer Lodge	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Fallon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-
Fergus	3	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-
Flathead	9	-	20	-	-	1	-	-	-	-	-	-	-	11	-	1	-	-	-
Gallatin	36	3	18	-	2	1	-	-	-	1	-	1	-	9	-	-	1	-	-
Garfield	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
Glacier	-	-	3	-	-	1	-	-	-	-	-	-	-	2	-	1	2	-	-
Golden Valley	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Granite	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Hill	5	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	9	1/102	-
Jefferson	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Judith Basin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lake	6	-	5	-	-	-	-	-	1	-	-	1	-	5	-	-	-	-	-
Lewis & Clark	11	10	3	-	1	3	-	3	-	2	2	-	-	10	-	-	1	1/24	-
Liberty	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln	-	-	2	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-
Madison	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/35	-
McCone	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-
Meagher	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mineral	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1/5	-
Missoula	8	3	19	-	3	1	-	-	-	-	-	-	-	13	-	-	2	2/50	-
Musselshell	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Park	5	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Petroleum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phillips	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
Pondera	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Powder River	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
Powell	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Prairie	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-
Ravalli	7	-	10	-	-	1	1	-	-	-	-	-	-	2	-	-	-	-	-
Richland	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	12	-	-
Roosevelt	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	23	-	-
Rosebud	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-
Sanders	-	-	1	-	-	-	-	-	-	-	-	-	-	5	-	-	-	1/34	-
Sheridan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-
Silver Bow	-	1	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-	-	-
Stillwater	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
Sweet Grass	1	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	1	-	-
Teton	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toole	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Treasure	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
Valley	1	1	-	-	-	-	-	-	-	-	-	-	-	3	-	1	17	1/3	-
Wheatland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wibaux	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
Yellowstone	21	2	14	-	1	4	1	-	-	1	-	-	-	12	1	-	35	3/142	-
2003 Total	132	28	115	0	8	16	4	4	0	6	5	1	112	2	7	228	12/398	-	-
2002 Total	112	38	94	0	13	10	1	4	0	3	10	1	91	4	12	1	12/193	-	-
2001 Total	110	32	95	0	16	3	1	0	0	4	54	1	81	9	17	0	12/843	-	-

* "Reporting county" reflects county of residence whenever possible.

** "Foodborne and Waterborne Outbreak Related Cases" reflects the number of individuals becoming ill due to a disease outbreak within these counties. These individuals may be from another county and also be reflected under that respective county if the disease is reportable (e.g. salmonella) and may include individuals who reside elsewhere.

The above disease totals reflect the cumulative number of reports received by DPHHS January through December 31, 2003. Each disease is classified by month of event. While month of event generally reflects the onset of symptoms, it may also reflect date of report or test. The reporting county is the county of residence/occurrence of the case. Data are subject to corrections.

OTHER DISEASES OF INTEREST: 2003 SUMMARY

Diseases which are reported infrequently or which are of special interest are detailed in this section as they occur. All counties reporting at least one case are listed.

Reporting County	A S E P M E N I N G	B A C M E N I N O T R	C O L O R A D O T I C K	C R E U T Z F E L D T	J A K O B D I S	C R Y P T O S P O R	C Y T O M E G A L O	H. F L U O T H E R	H A N T A V I R U S	K A W A S A K I S Y N D	L I S T E R I A	A N I M A L R A B I E S	S T R E P I N V A
Beaverhead	4	1	1	-	-	-	-	-	1	1	1	-	-
Blaine	1	-	-	-	-	-	-	-	-	-	-	-	-
Carbon	1	-	-	-	-	-	-	-	-	-	-	-	-
Cascade	8	1	-	-	-	-	-	-	1	-	-	1	-
Daniels	-	-	-	-	-	-	-	-	-	-	-	-	1
Dawson	-	-	-	-	1	1	-	-	-	-	-	-	2
Fergus	-	-	-	-	-	-	-	-	-	-	-	1	-
Flathead	9	1	-	-	-	1	-	-	-	-	-	-	2
Gallatin	15	-	-	-	-	6	-	1	-	-	-	-	-
Garfield	-	-	-	-	-	-	-	-	-	-	-	1	-
Glacier	-	1	-	-	-	-	-	-	-	-	-	-	-
Hill	2	1	-	-	-	-	-	-	-	-	-	-	-
Lake	3	1	-	-	-	-	-	-	-	-	1	-	-
Lewis & Clark	-	-	-	-	-	1	-	-	1	-	-	1	-
Lincoln	1	2	-	-	-	-	-	-	-	-	-	-	1
Mineral	-	-	-	-	-	-	-	-	-	-	-	1	-
Missoula	12	-	-	-	-	-	-	-	-	-	-	-	-
Musselshell	11	-	-	-	-	-	-	-	-	-	-	1	-
Park	-	1	-	-	-	4	-	-	-	-	-	5	-
Pondera	-	-	-	-	-	-	-	-	-	-	-	1	-
Powder River	-	-	-	-	-	-	-	-	-	-	-	1	-
Ravalli	-	-	-	-	-	-	1	-	-	-	-	-	-
Rosebud	-	-	-	-	-	-	-	-	-	-	-	-	-
Sanders	-	-	-	-	-	-	-	-	-	-	-	1	-
Silver Bow	1	2	-	-	-	-	-	-	-	-	-	-	-
Stillwater	1	-	-	-	-	-	-	-	-	-	-	-	-
Sweet Grass	1	-	-	-	-	1	-	-	-	-	-	-	-
Toole	-	-	-	-	-	-	-	-	1	-	-	-	-
Valley	-	-	-	-	-	-	-	-	-	-	-	1	-
Wibaux	-	-	-	-	-	-	-	-	-	-	-	2	-
Yellowstone	10	1	-	-	-	4	1	-	1	-	-	1	-
2003 Total	80	12	1	1	18	2	2	1	5	1	2	23	1
2002 Total	62	6	5	1	6	3	3	0	0	1	0	19	0
2001 Total	48*	7	6	0	37	1	1	2	1	0	38	0	0

STATEWIDE REPORTS:

Conditions which are reported to the Centers for Disease Control and Prevention or which are unique are reported below. Such conditions may include seasonal events such as influenza activity, as well as outbreaks or events for which heightened awareness is necessary.

RABIES REPORT:

21 (3.7%) of the 570 specimens submitted during 2003 tested positive for the virus.

Cascade:	One Bat	Lewis & Clark	One Bat	Sanders:	One Bat
Daniels:	One Skunk	Mineral:	One Bat	Valley:	One Bat
Dawson:	Two Bats	M'Shell:	One Bat	Wibaux:	Skunks
Fergus:	One Skunk	Park:	Skunks	Y'Stone:	One Bat
Flathead:	Two Bats	Pondera:	One Skunk		
Garfield:	One Skunk	River:	One Skunk		

FOODBORNE/WATERBORNE OUTBREAKS: The number of outbreaks/incidents and cases attributed to each are noted on page one. A short description of these reports are summarized below. Additional information may be obtained by contacting the county of report. Please report any "incident in which two or more persons experience similar gastrointestinal or diarrheal illness and epidemiological analysis implicates a common source of exposure". A single case of foodborne intoxication (botulism and scomboid) should be considered an outbreak and reported.

OUTBREAKS OF INTEREST:

Madison Co: 2/03 Outbreak of Norovirus (formerly known as Norwalk Virus) in a nursing home. Appr. 35 residents and staff ill.

Lewis & Clark Co: 2/03 outbreak of suspected viral gastroenteritis in nursing home. 24 residents and several staff reported ill.

Sanders Co: 2/03 Nursing wing experienced a suspect viral illness. 14 residents and 10 staff members ill with vomiting and diarrhea, no fever, symptoms lasting less than 3 days.

Mineral Co: 4/02 A small cluster of suspected viral gastroenteritis was reported in a nursing home sickening approximately 5 individuals.

Yellowstone Co: 5/03 17 of 30 attending a potluck ill. Preliminary investigation reflected some food handling practices of concern. No specific agent identified.

Sanders Co: 5/03 A group of students passing through in March ill, possibly after eating at a local establishment. No causative agent identified in WA state.

Sweet Grass, Carbon, Richland Co: 10 salmonella cases suspected associated with a salmonella outbreak in Cody WY. Investigation pending. Totals not included above at this time.

Missoula Co: 7/03 An outbreak of gastroenteritis related to a luncheon sickened 25 of 42 people. Symptoms consistent with a viral agent.

7/03 An outbreak of gastroenteritis sickened 25 of 150 attending a wedding reception prepared by an unlicensed caterer. No testing was conducted.

Yellowstone Co: 9/03 An outbreak of viral gastroenteritis resulted in 45 residents and approximately 20 illnesses among staff members of a nursing home. Testing indicates Norwalk virus. The outbreak appears to have spread through person to person transmission .

12/03- An outbreak of gastroenteritis sickened app. 60 of 100 individuals consuming a buffet. The event is under investigation.

Hill Co: 10/03 An outbreak confirmed to be Norovirus was reported in a nursing home. An investigation reflects person to person transmission as the most likely explanation for spread. at present is 60 of 117 residents and 42 of 183 staff ill.

Big Horn Co: 11/03 A suspected foodborne cluster sickening three individuals is under investigation. No causative agent identified at this time.

Valley Co: 11/03 A cluster of three illnesses was reported and determined to be caused by salmonella. No other cases identified. Restaurant exposure was suspected.

**SEXUALLY TRANSMITTED DISEASES BY COUNTY
2003 SUMMARY**

Reporting County*	HIV/AIDS	CHLAMYDIA	GONORRHEA	SYPHILIS
Beaverhead	-	12	-	-
Big Horn	-	110	-	-
Blaine	-	58	8	-
Broadwater	-	1	-	-
Carbon	-	11	-	-
Carter	-	1	-	-
Cascade	5	334	19	-
Choteau	-	2	-	-
Custer	-	39	-	-
Daniels	-	-	-	-
Dawson	-	16	3	-
Deer Lodge	-	10	1	-
Fallon	-	2	-	-
Fergus	-	6	-	-
Flathead	1	112	7	-
Gallatin	3	158	4	-
Garfield	-	1	-	-
Glacier	-	194	-	-
Golden Valley	-	2	-	-
Granite	-	1	-	-
Hill	-	153	4	-
Jefferson	-	6	-	-
Judith Basin	-	1	-	-
Lake	-	105	4	-
Lewis & Clark	-	101	1	-
Liberty	-	-	-	-
Lincoln	-	36	-	-
Madison	-	1	-	-
McCone	-	-	-	-
Meagher	-	-	-	-
Mineral	-	3	-	-
Missoula	-	203	6	-
Musselshell	-	-	-	-
Park	1	19	-	-
Petroleum	-	-	-	-
Phillips	-	4	-	-
Pondera	-	4	-	-
Powder River	-	-	-	-
Powell	-	3	-	-
Prairie	-	2	-	-
Ravalli	-	46	7	-
Richland	-	17	-	-
Roosevelt	1	107	-	-
Rosebud	-	75	2	-
Sanders	-	20	1	-
Sheridan	-	1	-	-
Silver Bow	-	69	2	-
Stillwater	-	5	-	-
Sweet Grass	-	4	-	-
Teton	-	2	-	-
Treasure	-	-	-	-
Toole	-	7	-	-
Valley	-	10	-	-
Wheatland	-	-	-	-
Wibaux	-	1	-	-
Yellowstone	18	447	50	-
Other/Out of State	-	3	-	-
2003 Total	29(HIV & AIDS)	2525	119	0
2002 Total	32(HIV & AIDS)	2509	126	0
2001 Total	114 (AIDS Only)	1899	104	0

* "Reporting county" reflects county of residence whenever possible. Reports are counted as they are received by DPHHS. The above data include all reports received from January through December 31, 2003.